

# Introduction to AB 118

Carl Moyer Program Advisory Group  
Sacramento, CA  
August 19, 2008

CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY  
 Air Resources Board



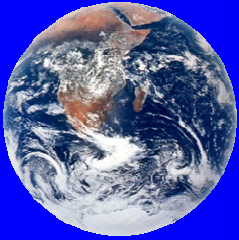
# AB 118 Background

- Establishes three new incentive programs for air quality and alternative or renewable fuels
- ~\$200M available annually through 2015
- Implemented by CEC, ARB, and BAR
- ARB develops Air Quality Guidelines
  - “Anti-backsliding” requirements for CEC and ARB programs



# AQIP Goals & Background

- \$50 million per year for competitive grants
  - Fund clean vehicle projects
  - Fund research on air quality impacts of alternative and renewable fuels
  - Reduce criteria air pollutants and toxics (complementary climate change benefits)
- Projects must be surplus to regulations
- More flexibility than Moyer or Prop1B
  - Fund emerging technologies and demo projects



# Eligible Projects

- On- and off-road equipment
- Off-road gasoline exhaust and evaporative emission mitigation
- Lawn and garden equipment replacement
- Medium- and heavy-duty vehicle/equipment projects, including:
  - Lower emission school buses
  - Electric or hybrid vehicles/equipment
  - Regional AQ programs in most impacted areas

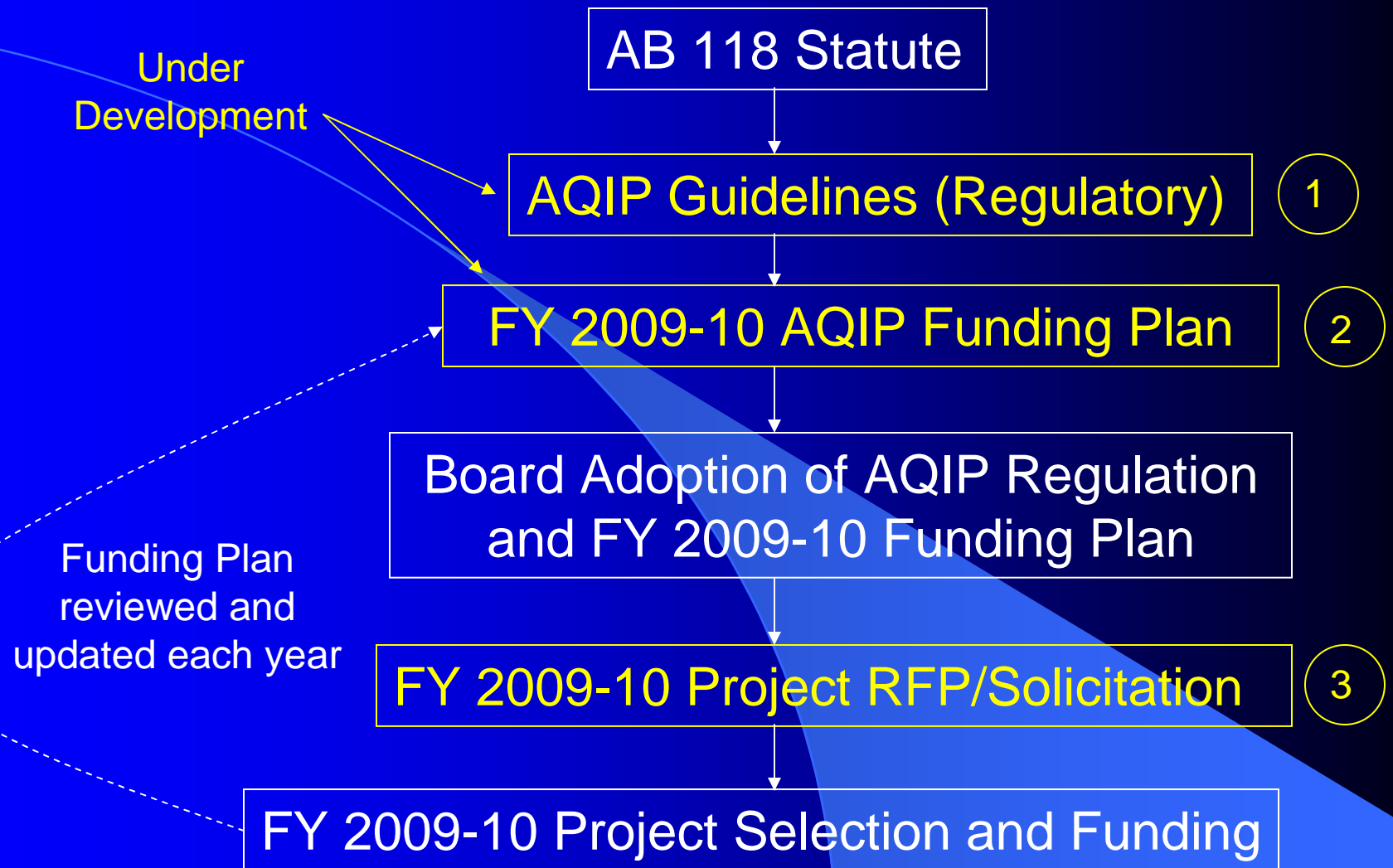


## Eligible Projects (cont.)

- High-emitting light-duty vehicles projects
- Research on air quality impacts of alternative fuels
- University of California research on sustainable biofuels production and feedstock
- Workforce training on advanced air pollution reduction technology



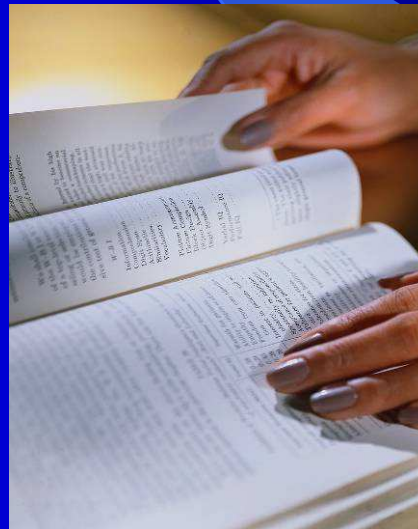
# Program Implementation





# AQIP Guidelines

- Adopted as regulations
- Describe general program structure and administrative requirements
- Intended for multiple funding years





# AQIP Funding Plan

- Details how projects shall be selected and funded each year
  - Program guiding principles
  - Eligible source categories and funding targets
  - Solicitation mechanisms and project selection criteria for each source category
- Updated and approved by the Board annually





# Project Solicitations

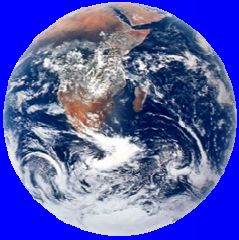
- Guided by annual Funding Plan
- Details project eligibility requirements
- Provides project solicitation and evaluation information



# AQIP Guiding Principles

## Vehicle and Equipment Projects

- Does the project help California meet its SIP “black box” commitments?
- Is the technology ready for deployment?
- Does the grant induce a clean vehicle purchase that wouldn’t otherwise have occurred?
- Does the project category have other sources of significant funding?



# AQIP Development Schedule

Milestone	Date
3 <sup>rd</sup> Public Workshop (LA & Sac): Draft reg concepts and funding targets	Nov 2008
Final Public Workshop (SJV & Sac): Draft reg & FY 09-10 Funding Plan	Jan 2009
Release proposed reg package and FY 09-10 Funding Plan	Feb 2009
Board considers proposed reg and FY 09-10 Funding Plan	March 2009
FY 09-10 projects solicitations	Mid-2009



# Alternative & Renewable Fuels & Vehicle Technology Program

- Up to \$120 million per year in funding
- Goal: Develop and deploy innovative fuel and vehicle technologies to help attain state's climate change policies

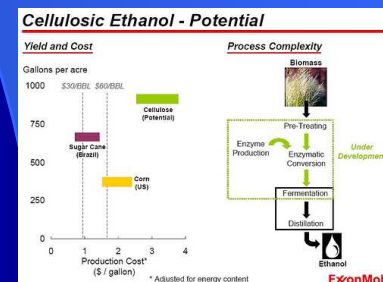
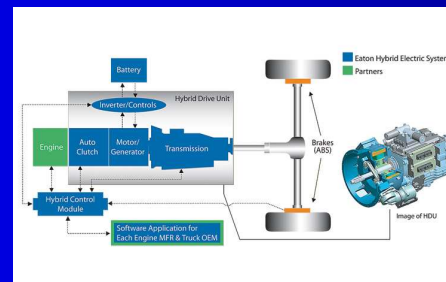




# CEC Program

## Eligible Project Types

- Alternative or renewable fuels and infrastructure
- Vehicle technologies to improve fuel efficiency and reduce GHGs
- Alternative fuel vehicle incentives
- Workforce training





# AB 118 CEC Program

## Development Schedule

Milestone	Date
Investment Plan Advisory Committee	October 6, 2008
Public Workshops	October 2008
Adopt Investment Plan	December 2008
Adopt Program Guidelines	January 2009
Solicit Projects	Spring 2009





# AB 118 Car Scrap Program

- Develop voluntary scrap program for high polluting cars, light- and medium-duty trucks
- Approximately \$30 million in annual funding
  - ARB to adopt by July 1, 2009
  - BAR to administer program beginning in January 1, 2010



# AB 118 Car Scrap Program

## Statutory Language

- Flexibility in vehicle registration
- Focus on areas with greatest air quality problem
- Consider:
  - Flexible compensation
  - Cost-effectiveness
  - Environmental justice







# AB 118 Car Scrap Program

## Development Schedule

Milestone	Date
Third Workshop	December 2008
Staff Report Available	January 2009
ARB Adoption Hearing	March 2009
Program Implementation	January 2010

More info: [www.arb.ca.gov/msprog/aqip/aqip.htm](http://www.arb.ca.gov/msprog/aqip/aqip.htm)



# AB 118 Contacts

## **Air Quality Improvement Program (ARB)**

Joe Calavita – AQIP Lead Staff

(916) 445-4586; jcalavit@arb.ca.gov

## **Alternative & Renewable Fuel & Vehicle Technology Program (CEC)**

Chuck Mizutani – Project Manager

(916) 654-4636; cmizutan@energy.state.ca.us

## **Car Scrap Program (ARB)**

Tom Eveshank – Project Lead Staff

(916) 445-8811; teveshan@arb.ca.gov

# Comments and Discussion

